

Claims

1. A two-piece joining device (1, 1') for sheet pile retaining walls, which consists of two interlocking, strip-shaped joining elements (2, 2', 3, 3') for connecting two adjacent individual elements (5, 11) of the sheet pile retaining walls, e.g. a sheet piling, which are to be pile-driven in each case, the first joining element (2, 2') being affixable with a base (4) to the first individual element (5) and comprising a neck strip (8) projecting away from the base (4) and the individual element (5) and an adjoining button strip (9) and the second joining element (3, 3') being affixable with a base (10) to another individual element (11) and comprising two hook strips (14) projecting away from the base (10) and the individual element (11), which define between them a hollow space (15) and encompass the button strip (9) of the first joining element (2, 2') inserted into hollow space (15) so that it is held in the hollow space (15), characterized in that the base (4) of the first joining element (2, 2') comprises on its two longitudinal sides, at least at some points, holding portions (16, 16') projecting away from the base (4), which embrace the outer sides of the hook strips (14, 14') of the second joining element (3, 3') at least partly and prevent a widening of the hook strips (14, 14') in the case of tensile forces between the two individual elements (5, 11).
2. A joining device according to claim 1, characterized in that the holding portions are holding strips (16, 16').

3. A joining device according to claim 1 or 2, characterized in that the holding portions (16, 16') extend along the entire length of the base (4) of the first joining element (2, 2').
4. A joining device according to any of the preceding claims, characterized in that the hook strips (14') of the second joining element (3') are provided with a button strip (18) each on their ends and that the holding portions (16') of the first joining element (2') encompass these button strips (18) at least partly.
5. A joining device according to any of the preceding claims, characterized in that the joining elements (2, 2', 3, 3') are extruded steel profiles.